

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 11, 2004, 08:53:03 ; Search time 203 Seconds
(without alignments)
6899.981 Million cell updates/sec

Title: US-10-013-906A-351
Perfect score: 2524
Sequence: 1 cgccaagcatgcagtaaagg.....ataaagcctttgcaagataa 2524

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	126.4	5.0	7218	1	US-08-232-463-14	Sequence 14, Appl ?
52/2524	126.4					
2	64.8	2.6	867	4	US-09-482-273-50	Sequence 50, Appl
3	59.8	2.4	53526	3	US-08-658-136-2	Sequence 2, Appli
4	59.8	2.4	53577	3	US-08-658-136-1	Sequence 1, Appli
c 5	59	2.3	325	2	US-08-332-766A-11	Sequence 11, Appl
c 6	58.6	2.3	289	3	US-09-007-005-17	Sequence 17, Appl
c 7	58.6	2.3	289	3	US-09-244-796-17	Sequence 17, Appl
8	57.8	2.3	80246	3	US-09-078-294-4	Sequence 4, Appli
9	57.8	2.3	80595	3	US-09-078-294-3	Sequence 3, Appli
c 10	57.2	2.3	319608	4	US-09-539-333D-1	Sequence 1, Appli

c	11	57.2	2.3	319608	4	US-09-679-409-1	Sequence 1, Appli
c	12	56.2	2.2	1798	4	US-08-687-691B-1	Sequence 1, Appli
	13	55	2.2	434	2	US-08-332-766A-10	Sequence 10, Appl
	14	54.8	2.2	507	4	US-09-489-039A-1200	Sequence 1200, Ap
c	15	54.8	2.2	516	4	US-09-489-039A-1064	Sequence 1064, Ap
c	16	54.8	2.2	537	4	US-09-489-039A-1065	Sequence 1065, Ap
c	17	54.8	2.2	549	4	US-09-489-039A-1130	Sequence 1130, Ap
	18	54.8	2.2	558	4	US-09-489-039A-1011	Sequence 1011, Ap
	19	54.8	2.2	609	4	US-09-489-039A-1177	Sequence 1177, Ap
	20	54.6	2.2	72604	4	US-09-268-992-7	Sequence 7, Appli
	21	54.6	2.2	72604	4	US-09-657-474-7	Sequence 7, Appli
c	22	53.6	2.1	494	2	US-08-332-766A-22	Sequence 22, Appl
c	23	53.4	2.1	118067	4	US-09-497-855A-32	Sequence 32, Appl
	24	53.2	2.1	90541	4	US-09-759-359A-3	Sequence 3, Appli
	25	53	2.1	4897	6	5196516-7	Patent No. 5196516
c	26	53	2.1	55298	4	US-09-491-356C-1	Sequence 1, Appli
c	27	52.8	2.1	1559	3	US-09-019-095A-7	Sequence 7, Appli
	28	52.6	2.1	217	2	US-08-332-766A-4	Sequence 4, Appli
	29	51.4	2.0	48763	4	US-09-916-204-3	Sequence 3, Appli
	30	51.4	2.0	174493	4	US-09-804-471A-3	Sequence 3, Appli
	31	51.4	2.0	174493	4	US-10-238-709-3	Sequence 3, Appli
c	32	51	2.0	370	2	US-08-332-766A-8	Sequence 8, Appli
	33	50.8	2.0	162450	4	US-09-345-882-1	Sequence 1, Appli
c	34	50.6	2.0	446	2	US-08-332-766A-26	Sequence 26, Appl
	35	50.4	2.0	438	4	US-09-252-991A-8422	Sequence 8422, Ap
	36	50.4	2.0	474	4	US-09-252-991A-8385	Sequence 8385, Ap
c	37	50.4	2.0	1761	4	US-09-252-991A-8423	Sequence 8423, Ap
c	38	50	2.0	1866	3	US-09-173-581-13	Sequence 13, Appl
c	39	50	2.0	1866	3	US-09-420-915-13	Sequence 13, Appl
c	40	49.2	1.9	538	2	US-08-332-766A-24	Sequence 24, Appl
	41	49	1.9	421	1	US-08-480-784-24	Sequence 24, Appl
	42	49	1.9	421	1	US-08-483-553-24	Sequence 24, Appl
	43	49	1.9	421	1	US-08-487-002-24	Sequence 24, Appl
	44	49	1.9	421	1	US-08-483-554B-24	Sequence 24, Appl
	45	49	1.9	421	1	US-08-488-011B-24	Sequence 24, Appl

ALIGNMENTS

RESULT 1

US-08-232-463-14

; Sequence 14, Application US/08232463

; Patent No. 5670367

; GENERAL INFORMATION:

; APPLICANT: DORNER, F.

; APPLICANT: SCHEIFLINGER, F.

; APPLICANT: FALKNER, F. G.

; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS

; NUMBER OF SEQUENCES: 52

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Foley & Lardner

; STREET: 1800 Diagonal Road, Suite 500

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22313-0299

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZgpt-Fls
US-08-232-463-14

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Query Match          5.0%; Score 126.4; DB 1; Length 7218;
Best Local Similarity 10.8%; Pred. No. 2.7e-22;
Matches 52; Conservative 276; Mismatches 152; Indels 0; Gaps 0;

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Qy      2030 GCTGCACTACATGAGAAAGGGACTCCCATTGCCCCTTCCCTTTCTCCTACAGTCCCTTTT 2089
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Db      1037 GCTTGGCTGCAGGTCGAGGGAGCTTGCGATYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1096

Qy      2090 GTCTTGTCTGTCTCTGGCTGTCTGTGTGTGTGCCATTCTCTGGACTTCAGAGCCCCCTGAG 2149
          :::: :: :::: : :::: : : : : : : :::: : ::::
Db      1097 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1156

Qy      2150 CCAGTCCTCCCTTCCCAGCCTCCCTTTGGGCCTCCCTAACTCCACCTAGGCTGCCAGGGA 2209
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Db      1157 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1216

Qy      2210 CCGGAGTCAGCTGGTTCAAGGCCATCGGGAGCTCTGCCTCCAAGTCTACCTTCCCTTCC 2269
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Db      1217 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1276

Qy      2270 CGGACTCCCTCCTGTCCCCTCCTTTCCTCCCTCCTTCCACTCTCCTTCCCTTTTGCT 2329
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Qy      2330 TCCCTGCCCTTTCCCCCTCCTCAGGTTCTTCCCTCCTTCTCACTGGTTTTTCCACCTTCC 2389

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[illegible]

RESULT 2

US-09-482-273-50
; Sequence 50, Application US/09482273
; Patent No. 6534631
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 71 Human Secreted Proteins
; FILE REFERENCE: PZ030P1
; CURRENT APPLICATION NUMBER: US/09/482,273
; CURRENT FILING DATE: 2000-01-13
; EARLIER APPLICATION NUMBER: PCT/US99/15849
; EARLIER FILING DATE: 1999-07-14
; EARLIER APPLICATION NUMBER: 60/092,921
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/092,922
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/092,956
; EARLIER FILING DATE: 1998-07-15
; NUMBER OF SEQ ID NOS: 267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 50
; LENGTH: 867
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-482-273-50

Query Match 2.6%; Score 64.8; DB 4; Length 867;
Best Local Similarity 61.0%; Pred. No. 6e-07;
Matches 105; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

Qy	2254	TCTACCCCTTCCCTTCCCGGACTCCCTCCTGTCCCCTCCTTTTCTCCCTCCCTTCCCTTCCAC	2313
Db	168	TCTTTCCTTTTCTCTTTTCCCCACCTCTCTGCCTGCCTCCTTCCTTCCCTCCCC	227
Qy	2314	TCTCCTTCCTTTTGCTTCCCTGCCCTTTCCCCTCCTCAGGTTCTTCCCTCCTTCTCACT	2373
Db	228	TCCCCTCCCTTCCCCCTCCCTCCCTCCCTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCC	287
Qy	2374	GGTTTTTCCACCTTCCCTCCTTCCCTTCTTCCCTGGCTCCTAGGCTGTGATAT	2425
Db	288	TTCCTTCCCTCCCTCCTCTCTCCCTCCCTTCCCTGCCTTCTTTCCTTCGTTCT	339

RESULT 3

US-08-658-136-2

```

; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
;   APPLICANT:  KLINGER, KATHERINE W
;   APPLICANT:  LANDES, GREGORY M
;   APPLICANT:  BURN, TIMOTHY C
;   APPLICANT:  CONNORS, TIMOTHY D
;   APPLICANT:  DACKOWSKI, WILLIAM
;   APPLICANT:  GERMINO, GREGORY
;   APPLICANT:  QIAN, FENG
;   TITLE OF INVENTION:  POLYCYSTIC KIDNEY DISEASE GENE
;   NUMBER OF SEQUENCES:  58
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  GENZYME CORPORATION
;     STREET:  ONE MOUNTAIN ROAD
;     CITY:  FRAMINGHAM
;     STATE:  MASSACHUSETTS
;     COUNTRY:  USA
;     ZIP:  01701
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/658,136
;     FILING DATE:
;     CLASSIFICATION:  435
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  LASSEN, ELIZABETH
;     REGISTRATION NUMBER:  31,845
;     REFERENCE/DOCKET NUMBER:  GEN4-17.8
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  508-872-8400
;     TELEFAX:  508-872-5415
;   INFORMATION FOR SEQ ID NO:  2:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  53526 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA (genomic)
US-08-658-136-2

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Query Match          2.4%;  Score 59.8;  DB 3;  Length 53526;
Best Local Similarity 48.1%;  Pred. No. 9.3e-05;
Matches 169;  Conservative 0;  Mismatches 182;  Indels 0;  Gaps 0;

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Qy      2056 CATTTCGCCCTTCCCTTTCTCCTACAGTCCCTTTTGTCTTGTCTGCTGCTGTCTGTGT 2115
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Db      35834 CCTTTCGCCCTTCCCTTTCTCCTTCCCTTTCCCTCTCCCTTCTCTTCCCTTTTCTCTCTCCC 35893

Qy      2116 GTGTGCCATTCTCTGGACTTCAGAGCCCCCTGAGCCAGTCCTCCCTTCCCAGCCTCCCTT 2175
          |      ||| | || | | | | | | | | | | | | | | | | | | | |
Db      35894 CTTCTTTTCCCTCTTCCCTCCCTCCTCTTCCCTCCCTCCTCTTCCCTCCCTCCT 35953

Qy      2176 TGGGCCTCCCTAACTCCACCTAGGCTGCCAGGGACCGAGTCAGCTGGTTCAAGGCCATC 2235

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Db	35954	CTTCCCCTCCCCTCCTCTTCCCCTCTCCTCCTCTTCCCCTCCCCTCCTCTTTCCCTCCCC	36013
QY	2236	GGGAGCTCTGCCTCCAAGTCTACCCCTTCCCTTCCCGGACTCCCTCCTGTCCCCTCCTTTC	2295
Db	36014	TCTTCTCCTCCCCTCCTCTCCCCTCTTCCCCTCCCCTCCTCTTCCCTCCCCTTCCCCTCC	36073
QY	2296	CTCCCTCCTTCCTTCCACTCTCCTTCCTTTTGCTTCCCTGCCCTTTCCCCCTCCTCAGGT	2355
Db	36074	CCTCCTCTTCCCTCCCCTTCCCCTCCCCTCCTCTTCCCTCCCCTTCCCCTCCTCTTCCTT	36133
QY	2356	TCTTCCCTCCTTCTCACTGGTTTTCCACCTTCCTCCTTCCCTTCTTCCCT	2406
Db	36134	CCTCTCTTCCCCTCCCCTCCTCTTCCCCTCCCCTCTTCCCCTCCCCTTCTCT	36184

RESULT 4

US-08-658-136-1

; Sequence 1, Application US/08658136

; Patent No. 6071717

; GENERAL INFORMATION:

APPLICANT: KLINGER, KATHERINE W

APPLICANT: LANDES, GREGORY M

APPLICANT: BURN, TIMOTHY C

APPLICANT: CONNORS, TIMOTHY D

APPLICANT: DACKOWSKI, WILLIAM

APPLICANT: GERMINO, GREGORY

APPLICANT: QIAN, FENG

TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE

NUMBER OF SEQUENCES: 58

CORRESPONDENCE ADDRESS:

ADDRESSEE: GENZYME CORPORATION

STREET: ONE MOUNTAIN ROAD

CITY: FRAMINGHAM

STATE: MASSACHUSETTS

COUNTRY: USA

ZIP: 01701

COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible

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;      OPERATING SYSTEM:  PC-DOS/MS-DOS

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;      SOFTWARE:  PatentIn Release #1.0, Version #1.25

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; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/658,136

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: LASSEN, ELIZABETH

REGISTRATION NUMBER: 31,845

REFERENCE/DOCKET NUMBER: GEN4-17.8

TELECOMMUNICATION INFORMATION:

TELEPHONE: 508-872-8400

TELEFAX: 508-872-5415

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

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;      LENGTH:  53577 base pairs
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TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1

Query Match 2.4%; Score 59.8; DB 3; Length 53577;
Best Local Similarity 48.1%; Pred. No. 9.3e-05;
Matches 169; Conservative 0; Mismatches 182; Indels 0; Gaps 0;

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Qy      2056 CATTGCCCCTCCCTTTCTCCTACAGTCCCTTTTGTCTTGTCTGCTCCTGGCTGTCTGTGT 2115
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Db      35829 CCTTCCCTCTCCTTTCTCCTTCCTTCCTCTCCCCTTCTCTTCTTTTCTCTCTCCC 35888

Qy      2116 GTGTGCCATTCTCTGGACTTCAGAGCCCCCTGAGCCAGTCCCTTCCCAGCCTCCCTT 2175
          | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      35889 CTTCTTTTCCCTCTTCCCTCCCTCCTCTTCCCTCCCTCCTCTTCCCTCCCTCCT 35948

Qy      2176 TGGGCCTCCCTAACTCCACCTAGGCTGCCAGGGACCGAGTCAGCTGGTTCAAGGCCATC 2235
          || || || || || || || || || || || || || || || || || || || ||
Db      35949 CTTCCCTCCCTCCTCTTCCCTCTCCTCCTCTTCCCTCCCTCCTCTTTCCCTCCCC 36008

Qy      2236 GGGAGCTCTGCCTCCAAGTCTACCCCTTCCCTTCCCGGACTCCCTCCTGTCCCTCCTTTC 2295
          || || || || || || || || || || || || || || || || || || || ||
Db      36009 TCTTCTCCTCCCTCCTCTCCCTCTTCCCTCCCTCCTCTTCCCTCCCTTCCCTTCC 36068

Qy      2296 CTCCCTCCTTCCTTCCACTCTCCTTCCTTTTGTCTTCCCTGCCCTTTCCCCCTCCTCAGGT 2355
          | ||| || ||| || || || || || || || || || || || || || || || ||
Db      36069 CCTCCTCTTCCCTCCCTTCCCTCCCTCCTCTTCCCTCCCTTCCCTCCTCTTCTCCT 36128

Qy      2356 TCTTCCCTCCTTCTCACTGGTTTTTCCACCTTCCTCCTTCCCTTCTTCCCT 2406
          || || ||| || || || || || || || || || || || || || || || ||
Db      36129 CCTCTTCCCTCCCTCCTCTTCCCTCCCTCCTTCCCTCCCTTCTCT 36179
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RESULT 5

US-08-332-766A-11/c

; Sequence 11, Application US/08332766A

; Patent No. 5843647

; GENERAL INFORMATION:

; APPLICANT: JEFFREYS, Alec J.

; APPLICANT: ARMOUR, John

; TITLE OF INVENTION: SIMPLE TANDEM REPEATS

; NUMBER OF SEQUENCES: 125

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.

; STREET: 1100 New York Avenue, N.W.

; CITY: Washington

; STATE: D. C.

; COUNTRY: U.S.A.

; ZIP: 20005-3918

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/332,766A

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; FILING DATE: 01-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9326052.9
; FILING DATE: 21-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: BIRD, Donald J.
; REGISTRATION NUMBER: 25,323
; REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 325 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-332-766A-11

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Query Match          2.3%; Score 59; DB 2; Length 325;
Best Local Similarity 57.5%; Pred. No. 1.1e-05;
Matches 126; Conservative 0; Mismatches 90; Indels 3; Gaps 1;

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Qy      2237 GGAGCTCTGCCTCCAAGTCTACCCCTCCCTTCCCGGACTCCCTCCTGTCCCCTCCTTTCC 2296
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Db      267 GGAGCTCCCCACCCCGGGCACTCCCTAGCTCCCAAGAACTTCTCCCTGCCTTTCCCTCCC 208

Qy      2297 TCCCTCCTTCCTTC---CACTCTCCTTCCTTTTGCTTCCCTGCCCTTTCCCCCTCCTCAG 2353
          ||||| | | | | | | | | | | | | | | | | | | | | |
Db      207 TCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTTCCTTCCTTCCTTCCTTCCTTCCTTCC 148

Qy      2354 GTTCTTCCCTCCTTCTCACTGGTTTTTCCACCTTCCTCCTTCCTTCTTCCCTGGCTCCT 2413
          | |||| | |||| | | | | | | | | | | | | | | | |
Db      147 TTCCTTCCTTCCTTCCTTCCTCTCTCTCTTTTCCTTTTCCTTCCTTCCTTCCTTCTCTCT 88

Qy      2414 AGGCTGTGATATATATTTTTGTATTATCTCTTTCTTCTT 2452
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Db      87 TCTCTCATTCTTTCTTTTTTTTTCTTTTTTCTTTTTTTTT 49

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RESULT 6

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US-09-007-005-17/c
; Sequence 17, Application US/09007005B
; Patent No. 6258558
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350003
; CURRENT APPLICATION NUMBER: US/09/007,005B
; CURRENT FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963

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; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 289
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(289)
; OTHER INFORMATION: n = A,T,C or G
US-09-007-005-17

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Query Match          2.3%; Score 58.6; DB 3; Length 289;
Best Local Similarity 7.9%; Pred. No. 1.3e-05;
Matches 19; Conservative 117; Mismatches 105; Indels 0; Gaps 0;

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Qy      2229 GGCCATCGGGAGCTCTGCCTCCAAGTCTACCCTTCCCTTCCCGGACTCCCTCCTGTCCCC 2288
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Db      254 GYCYAYAYGYAYGYTTYAYCYGYCYAYGYCYTYGYSYNYNSYNYNSYNYNSYNYNY 195

Qy      2289 TCCTTTCCTCCCTCCTTCCTTCCACTCTCCTTCTTTTGCTTCCCTGCCCTTCCCCCTC 2348
          : : : : : : : : : : : : : : : : : : : : : : : :
Db      194 SYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNY 135

Qy      2349 CTCAGGTTCTTCCCTCCTTCTCACTGGTTTTTCCACCTTCCCTTCCCTTCTTCCCTGG 2408
          : : : : : : : : : : : : : : : : : : : : : : :
Db      134 SYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNY 75

Qy      2409 CTCCTAGGCTGTGATATATATTTTTGTATTATCTCTTCTTCTTGTGGTGATCATCT 2468
          : : : : : : : : | : | | : : | : : | : : | : | : :
Db      74 SYNYNSYNYNSYNYNSYNYCYAYTYTYGYTYAYAYTYTYGYTYAYAYAYTYAYGYTYAYAY 15

Qy      2469 T 2469
          |
Db      14 T 14

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RESULT 7

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US-09-244-796-17/c
; Sequence 17, Application US/09244796
; Patent No. 6281344
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27

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; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 289
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(289)
; OTHER INFORMATION: n = A,T,C or G
US-09-244-796-17

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Query Match          2.3%; Score 58.6; DB 3; Length 289;
Best Local Similarity 7.9%; Pred. No. 1.3e-05;
Matches 19; Conservative 117; Mismatches 105; Indels 0; Gaps 0;

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QY      2229 GGCCATCGGGAGCTCTGCCTCCAAGTCTACCCTTCCCTTCCCGACTCCCTCCTGTCCCC 2288
          | | : | | : : : | : : : | : : : : : : : : : : : :
Db      254 GCYAYAYGYAYGYTYTYAYCYGYCYAYGYCYTYGYSYNYNSYNYNSYNYNSYNYNY 195

QY      2289 TCCTTTCCTCCCTCCTTCCTTCCACTCTCCTTCCTTTTGCTTCCCTGCCCTTTCCCCCTC 2348
          : : : : : : : : : : : : : : : : : : : : : : : :
Db      194 SYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNY 135

QY      2349 CTCAGGTTCTTCCCTCCTTCTCACTGGTTTTTCCACCTTCCTCCTTCCCTTCTTCCCTGG 2408
          : : : : : : : : : : : : : : : : : : : : : : : :
Db      134 SYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNSYNYNY 75

QY      2409 CTCCTAGGCTGTGATATATATTTTTGTATTATCTCTTTCTTCTTCTTGTGGTGATCATCT 2468
          : : : : : : : : | : | : | : : : | : : : | : | : :
Db      74 SYNYNSYNYNSYNYNSYNYCYAYTYTYGYTYAYAYTYTYGYTYAYAYAYTYAYGYTYAYAY 15

QY      2469 T 2469
          |
Db      14 T 14

```

RESULT 8

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US-09-078-294-4
; Sequence 4, Application US/09078294
; Patent No. 6265211
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/078,294
; CURRENT FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0

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